



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

*** *** ***



AUTO SAFETY HOTLINE
(800) 424-9393
Wash. D.C. Area 366-0123

Case Vehicle (A): 1999 Dodge
 Type: Dakota Sport, 4x2 regular cab pickup
 Driver: 61-year-old female
 CDC: 11-FDEW-3

Vehicle (B): 1978 International
 Type: COF Transtar 6x4 farm truck
 Driver: 32-year-old male
 CDC: 99-0000-0

SITUATION

(Slides 1, 2) On a cloudy, dry day, case vehicle (A) was traveling east in a rural area at an unknown speed in the eastbound lane of a two-lane asphalt road, and was approaching an intersection with a gravel road, following a curve to the right. The gravel road connects to the asphalt road on a sharp angle and is equipped with a stop sign. (Slide 3) Vehicle (B) was traveling west in the westbound lane of the same asphalt roadway. The driver of vehicle (B) slowed down, and began making a left turn to travel southeast on the gravel road. (Slide 4) Case vehicle (A) had just completed the curve, when she saw vehicle (B) crossing her lane. (Slides 5, 6) The driver of case vehicle (A) braked, as indicated by a 25-meter right-front tire skid mark and a 14-meter left-front tire skid mark. She also steered slightly to the right, but was unable to keep her vehicle from striking the right side of vehicle (B) with its front end.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

(Slides 7, 8) The direct damage to case vehicle (A) began at the left-front bumper corner and extended 162 cm across the entire front end. The maximum crush was 61 cm to the center portion of the front bumper.

Using the WinSMASH accident-reconstruction program and c-values measured for (slides 9, 10, 11, 12 and 13) case vehicle (A), the following impact severity was calculated:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	EBS	34 (21)	-34 (-21)	6 (4)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

(Slide 14) The front bumper was crushed, the grille was damaged, and both headlight assemblies were broken. (Slides 15, 16 and 17) The hood was crushed, the hood latch was damaged, and both rear hood hinges were deformed, but not separated. (Slide 18) The rear edge of the hood was elevated, but it did not contact the windshield. (Slide 19) There was no damage to the windshield.

(Slides 20, 21) On the left side, the fender was damaged and displaced to the right. (Slides 22, 23) There was no other damage to the left side of case vehicle (A), and no change in the left wheelbase.

(Slides 24, 25) On the right side, the fender was deformed and shifted slightly to the right, and the right-front wheel was damaged. (Slides 26, 27) There was no other damage to the right side and no change in the right wheelbase. (Slide 28) There was no rear-end damage.

Interior

This vehicle is equipped with steering-wheel and passenger frontal-impact airbags. The steering-wheel airbag deployed, but the passenger airbag was shut off and did not deploy. (Slide 29) There was blood on the steering-wheel airbag. (Slides 30, 31) The upper half of the steering-wheel rim was slightly deformed due to driver contact, and the steering column was rotated up and to the left. (Slide 32) The driver-side sunvisor was bent, and there was a scuff mark and blood on the sunvisor, indicating driver contact. (Slide 33) There was no damage to, and no contact marks on, the windshield, roofrail, or roof area. (Slides 34, 35) There were scuff marks on the upper and mid portions of the instrument panel, in addition to damage to the mid panel. (Slides 36, 37) There were scuff marks on, and damage to, the left portion of the knee bolster and the parking brake release knob. (Slide 38) Also, the accelerator and brake pedal were bent to the left. (Slides 39, 40) There was no damage to the center dash area or the glove compartment. There was no other interior damage. (Slide 41) The following intrusion was noted and measured:

Location	Component	Distance (cm)	Direction
left front	floor	6	up

OCCUPANT KINEMATICS AND INJURIES

(Slides 42, 43) The 5-ft, 4-in, 120-lb, 61-year-old female driver was *not* wearing the three-point belt and the airbag deployed. (Slides 44, 45 and 46) There was no physical evidence of belt use on the D-ring, seatbelt hardware, or the belt webbing. The driver reported braking with her right foot at the time of the crash.

During the impact, she continued forward relative to the vehicle interior, into and over the airbag. (Slide 47) She sustained a contusion to her forehead, probably from contact with the sunvisor, as indicated by damage, scuff marks, and blood on the sunvisor. (Slides 48, 49) In addition, she sustained two left rib fractures, possibly from contact with the steering wheel, or from loading by the deploying airbag. These fractured ribs punctured and lacerated her left lung, resulting in pneumothorax. (Slides 50, 51) She sustained a fracture to her left patella, left tibia and left fibula, from contact with the knee bolster and the parking-brake release handle, as indicated by scuff marks and damage to the left portion of the bolster cover and handle. (Slides 52, 53) She also sustained a fracture to her right ankle due to contact with the brake pedal.

The following table and attached drawing (slide 54) summarize the injuries for the driver.

Occupant: Driver

Restraints: 3-point belt not worn; airbag deployed

Age: 61 years

Stature: 163 cm (5 ft, 4 in)

Gender: Female

Mass: 54 kg (120 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Contusion, forehead	1		Sunvisor	
Two left rib fractures	2			Steering wheel, airbag
Left lung laceration with pneumothorax	3	Fractured ribs		Steering wheel, airbag
Fracture, left patella	2		Knee bolster, parking-brake release handle	
Fracture, left tibia and fibula	2		Knee bolster, parking-brake release handle	
Fracture, right ankle	2		Brake pedal	
<u>Maximum A.I.S. Level</u>	<u>3</u>			
<u>Injury Severity Score</u>	<u>14</u>			

TIME DATE OF COLLISION m m / d d / y y y y		ENVIRONMENTAL CONDITIONS CONSTRUCTION ZONE (0) NO (1) YES (9) UNKNOWN	33
HOUR OF COLLISION (24 HOUR CLOCK) 21 - - - 24		ROAD ALIGNMENT VERTICAL PLANE (1) LEVEL (2) CREST OF HILL (3) SLOPE (2%) (4) BOTTOM OF HILL (9) UNKNOWN	4 34
LOCATION STATE: _____	STATE FIPS CODE 25 - 26	ROAD ALIGNMENT HORIZONTAL PLANE (1) STRAIGHT (2) CURVE (3) T - SHAPED (4) Y - SHAPED (7) OTHER: _____ (9) UNKNOWN	3 35
AREA (1) URBAN (2) RURAL (9) UNKNOWN	27	SURFACE COVERING (10) DRY (21) WATER - DAMP (22) WATER - WET (23) WATER - PUDDLED (29) WATER - AMOUNT UNKNOWN (31) SNOW - LOOSE (32) SNOW - PACKED (39) SNOW - CONDITION UNKNOWN (41) ICE (51) SLUSH (61) SPILLED GRAVEL (71) OTHER: _____ (99) UNKNOWN	10 36 37
ENVIRONMENTAL CONDITIONS LIMITED-ACCESS HIGHWAY (0) NO (1) YES (9) UNKNOWN	28	VISIBILITY LIMITATION (FOR CASE VEHICLE) (0) NONE (1) CLOUDY/DARK (2) FOG (3) SMOKE (4) WINDSHIELD CONDITION (5) GLARE (6) RAIN (7) OTHER: _____ (8) ICE/SNOW (9) UNKNOWN	38
ROAD, TOTAL TRAFFIC LANES (FOR CASE VEHICLE) (1) 1-LANE (2) 2-LANES (3) 3-LANES (4) 4 OR MORE LANES (5) DIVIDED, 4 OR MORE LANES (6) PARKING LOT/DRIVeway (7) OTHER: _____ (9) UNKNOWN	29	VISIBILITY OBSTRUCTION (FOR CASE VEHICLE) (0) NONE (1) BUILDING (2) SIGN (3) VEGETATION (E.G. BUSHES, SHRUBS) (4) TREE (5) HILL OR CURVE IN ROAD (6) VEHICLE IN TRANSPORT (7) OTHER: _____ (8) PARKED VEHICLE (9) UNKNOWN	39
INTERSECTING RD, TOTAL LANES CHOOSE FROM ABOVE LIST, OR (8) NOT APPLICABLE	30		
TYPE OF ROAD SURFACE (1) ASPHALT (2) CONCRETE (3) GRAVEL (4) MORE THAN ONE (CIRCLE EACH) (7) OTHER: _____ (9) UNKNOWN	31		
ROAD DEFECTS (0) NO (1) YES (9) UNKNOWN	32		

GENERAL INFORMATION GI-2

ENVIRONMENTAL CONDITIONS

SPEED LIMIT

(0) 5-45 km/h 5-25 mph
 (1) 46-55 30
 (2) 56-60 35
 (3) 61-70 40
 (4) 71-79 45
 (5) 80-85 50
 (6) 86-90 55
 (7) 91-105 60
 (8) OVER 105 65
 (9) UNKNOWN

PRECIPITATION

(0) NONE
 (1) RAIN
 (2) SNOW
 (3) HAIL
 (4) FREEZING RAIN/SLEET
 (7) OTHER: _____
 (9) UNKNOWN

RATE OF PRECIPITATION

(1) LIGHT/MIST
 (2) MODERATE
 (3) HEAVY
 (8) NOT APPLICABLE
 (9) UNKNOWN

TEMPERATURE

(0) BELOW -15° C BELOW 5° F
 (1) -15 TO -6 5 TO 22
 (2) -5 TO -1 23 TO 31
 (3) 0 TO 2 32 TO 36
 (4) 3 TO 5 37 TO 41
 (5) 6 TO 15 42 TO 59
 (6) 16 TO 25 60 TO 77
 (7) 26 TO 35 78 TO 95
 (8) OVER 35 OVER 96
 (9) UNKNOWN

CROSSWIND

(0) NONE
 (1) LIGHT
 (2) STRONG
 (3) GUSTY & STRONG
 (9) UNKNOWN

LIGHT CONDITIONS

(1) DAYLIGHT
 (2) DAWN
 (3) DUSK
 (4) DARK, LIGHTED
 (5) DARK, UNLIGHTED
 (6) DARK, UNKNOWN IF LIGHTED
 (9) UNKNOWN

Cloudy

6
40

MECHANICAL MALFUNCTION

WAS THERE MENTION
OF A MECHANICAL MALFUNCTION
IN CASE VEHICLE

(0) NO
 (1) YES
 (2) YES, DID NOT CONTRIBUTE
TO ACCIDENT
 (9) UNKNOWN

0
46

0
41

THE FOLLOWING SECTION SHOULD BE FILLED
OUT IF A MECHANICAL MALFUNCTION IS
RECOGNIZED OR SUSPECTED.

CIRCLE ITEMS INVOLVED. SUPPORT ANY
ITEMS CIRCLED WITH COMMENTS.

8
42

BRAKE SYSTEM	DRIVER CONTROLS
EXHAUST SYSTEM	POWER TRAIN
STEERING SYSTEM	FUEL SYSTEM
SUSPENSION SYSTEM	VISIBILITY ITEMS
ELECTRICAL SYSTEM	TIRES
THROTTLE CONTROLS	UNKNOWN

9
43

OTHER: _____

COMMENTS: _____

9
44

_____</p

GENERAL INFORMATION GI-3

CRASH DETAILS		47	HIGHEST POLICE INJURY SEVERITY CODE IN CRASH (NOT JUST CASE VEHICLE)	3
CASE VEHICLE AND OBJECT				
(0) NO (1) YES (9) UNKNOWN				
CASE VEHICLE ROLLOVER		48	(0) NO ROLLOVER (1) YES, FIRST EVENT (2) YES, SUBSEQUENT EVENT (3) YES, SEQUENCE UNKNOWN (9) UNKNOWN	55
CASE VEHICLE RAN OFF ROADWAY (BEFORE FIRST IMPACT)		49	DRIVER IMPAIRMENT	
(0) NO (1) YES (9) UNKNOWN			DRIVER ALCOHOL INVOLVEMENT (CASE VEHICLE)	
(0) NO (1) YES (9) UNKNOWN			(0) NONE (1) YES (9) UNKNOWN/NOT REPORTED/ NO DRIVER	56
MOVING CASE VEHICLE AND CONTACTED MOVING VEHICLE		50	DRIVER ALCOHOL BAC (CASE VEHICLE)	
(0) NO (1) YES (9) UNKNOWN			(80) NO TEST (90) CHEMICAL TESTS, NO RESULTS (95) AUTOPSY, NO RESULTS (99) UNKNOWN	
CASE VEHICLE AND CONTACTED STOPPED VEHICLE		51	WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE?	
(0) NO (1) YES (9) UNKNOWN			(0) NO (1) YES (9) UNKNOWN	
STOPPED CASE VEHICLE AND CONTACTED VEHICLE		52	LIST IMPAIRMENTS MENTIONED:	
(0) NO (1) YES (9) UNKNOWN			_____ _____ _____	
TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH		53	Post - Crash Detail	
(8) 8 OR MORE (9) UNKNOWN			MANNER CASE VEHICLE LEFT SCENE	
ANY FIRE IN THIS CRASH (NOT JUST CASE VEHICLE)		54	(1) DRIVEN (2) TOWED DUE TO DAMAGE (3) TOWED, NOT DUE TO DAMAGE (4) TOWED, REASON UNKNOWN (9) UNKNOWN	
(0) NO (1) YES (9) UNKNOWN				

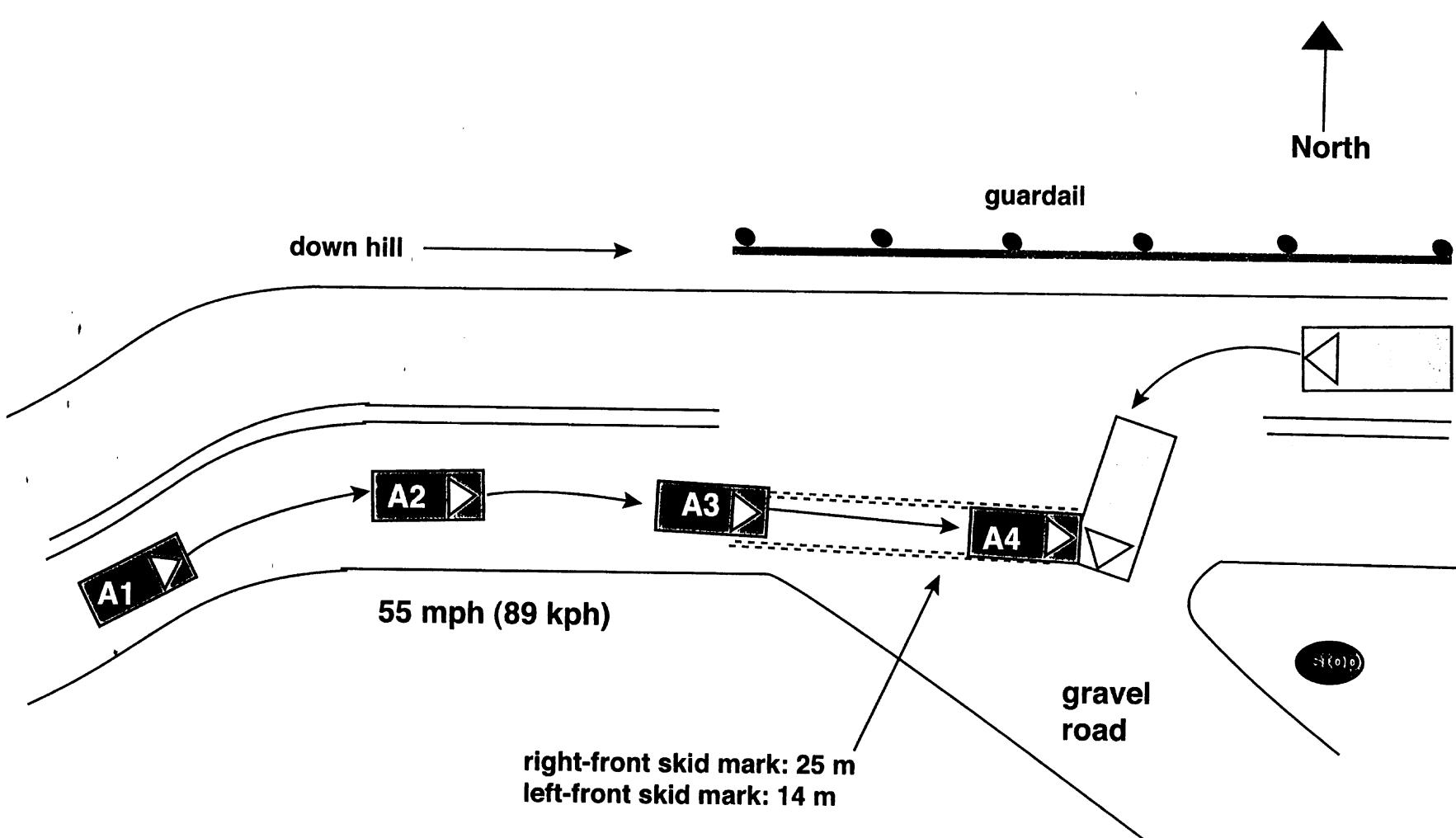
ACCIDENT SCHEMATIC

ACCIDENT DESCRIPTION: CASE VEHICLE (A) WAS TRAVELING EAST AT AN UNKNOWN SPEED. VEHICLE (B) WAS TRAVELING WEST. AS CASE VEHICLE (A) WAS TRAVELING PAST A 3-LEG INTERSECTION, VEHICLE (B) MADE A LEFT TURN. THE DRIVER OF CASE VEHICLE (A) BRAKED, BUT WAS UNABLE TO AVOID STRIKING THE RIGHT SIDE OF VEHICLE (B)

CASE VEHICLE (A): 1999 DODGE DAKOTA
OTHER VEHICLE (B): 1978 INTERNATIONAL TRUCK
THIRD VEHICLE (C):



NORTH



Duplicate columns 1-8
from the previous card.

Module O V Format 0 4
9 10 11 12

OTHER VEHICLE

OV-1

MAKE: INTERNATIONAL
MODEL: COF TRANSTAR 6x4 Farm

CARGO: SILAGE

VIN E 2 3 1 7 H G A 1 9 4 1

MANUFAC/BODY CODE 1 5337
30 34

VEHICLE TYPE

MAKE/MODEL CODE 3597 38

PASSENGER VEHICLE

MODEL YEAR 1978 39 42

- (16) SEDANE
- (17) PICKUP CAR
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

MULTIPURPOSE PASSENGER VEHICLE

- (14) **SMALL UTILITY (WHEELBASE LESS THAN 107", E.G. JEEP, BRONCO)**
- (15) **LARGE UTILITY (WHEELBASE MORE THAN 107", E.G. PANEL TRUCK, SUBURBAN)**
- (16) **PICKUP TRUCK WITH CANOPY/SHELL COVER**
- (17) **PICKUP CAR WITH CANOPY/SHELL COVER**
- (21) **MOTOR HOME**
- (22) **PICKUP TRUCK WITH SLIDE-IN CAMPER**
- (23) **PICKUP CAR WITH SLIDE-IN CAMPER**
- (31) **CHASSIS-MOUNTED CAMPER**

**NUMBER OF OCCUPANTS
(ENTER 9'S IF UNKNOWN)**

TRUCK

TRAVELING SPEED (km/h) 999 54
(000) PARKED OR STOPPED

- (11) VAN
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOSTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

**HIGHEST POLICE INJURY SEVERITY
CODE FOR THIS VEHICLE**

BUS

(0) O - NO INJURY
(1) C - POSSIBLE INJURY
(2) B - NON-INCAPACITATING INJURY
(3) A - INCAPACITATING INJURY
(4) K - FATAL
(5) INJURED, SEVERITY UNKNOWN
(6) DIED PRIOR TO ACCIDENT
(7) NON-FATAL INJURY
 SEVERITY UNKNOWN
(8) UNOCCUPIED VEHICLE
 (NOT APPLICABLE)
(9) UNKNOWN

(40) UNKNOWN BUS TYPE
 (41) SCHOOL BUS
 (42) INTERCITY BUS (BETWEEN CITIES)
 (43) TRANSIT BUS (INTRACITY)
 (44) STREETCAR (ON TRACKS)

(68) TRAIN (CARS)
 (69) LOCOMOTIVE (ENGINE, SWITCHER)

(99) UNKNOWN

WHEELBASE (cm)
(999) UNKNOWN

199
58 59 60

Duplicate columns 1-8
from the previous card.

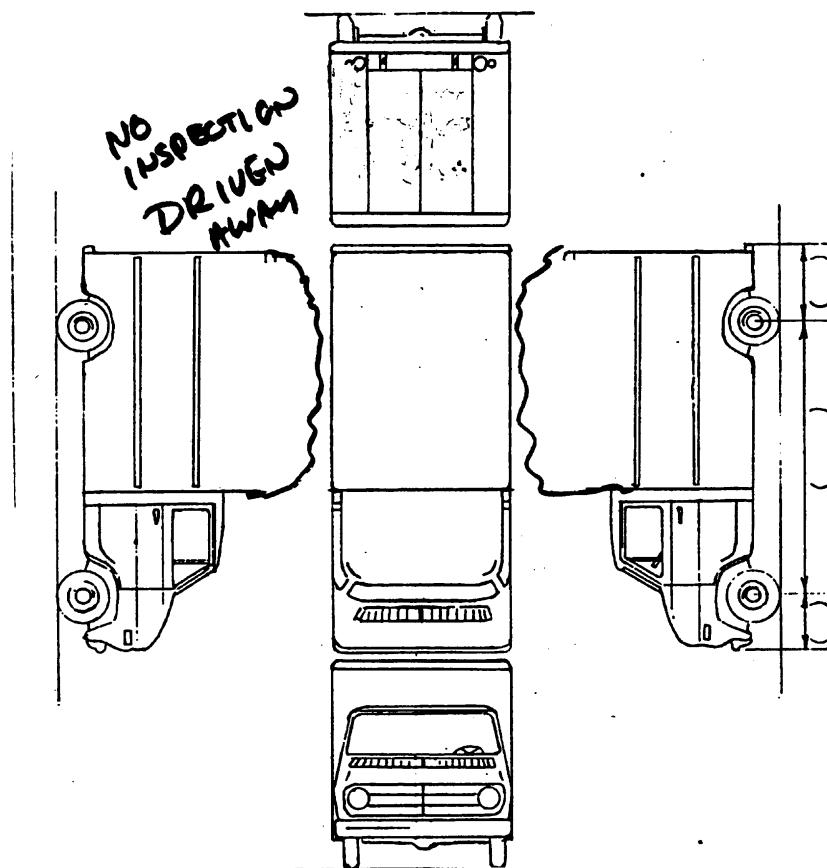
Module O V Format 0 2
9 10 11 12

OTHER VEHICLE OV-2

ORIGINAL SPECIFICATIONS

Wheelbase	999	cm	Front Overhang	999	cm
				22	24
Curb Weight	9999	kg	Rear Overhang	999	cm
				25	27
Average Track Width	999	cm	Undeformed End Width (UEW)	999	cm
	13	15		28	30
Overall Length	999	cm	Engine Displacement	9.9	L
	16	18		31	32
Overall Width (OAW)	999	cm	Engine: # of Cylinders	99	
	19	21		33	34

VEHICLE DAMAGE



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 99 cm
35 37

Front-End Overlap (Percent) = DDL
UEW

37

$$\text{Vehicle Overlap (Percent)} = \frac{\text{DDL} + 1/2 (\text{OAW} - \text{UEW})}{\text{OAW}}$$

99 %

Duplicate columns 1-8
from the previous card.

Module V 9 D 10 Format 0 11 4 12

VEHICLE DESCRIPTION VD-1

MAKE: DODGE

CARGO: NONE

MODEL: DAKOTA SPORT 4x2 regular
cab short box

VIN 1B7FL26X5X50000 13 29

MANUFAC/BODY CODE 13212 30 34

MAKE/MODEL CODE 3225 38

MODEL YEAR 1999 39 42

VEHICLE MASS (kg) 002073 43 48

ODOMETER (km)
(ENTER 9'S IF UNKNOWN)
(ENTER 8'S IF ELECTRONIC) 888888 49 54NUMBER OF OCCUPANTS
(ENTER 9'S IF UNKNOWN) 01 56

TRAVELING SPEED (km/h) 999 59

(000) PARKED OR STOPPED
 (995) JUST STARTING UP
 (996) BACKING UP
 (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
 (998) SPEED EXCESSIVE (BUT UNKNOWN)
 (999) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

(11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)
 (12) 2-DOOR SEDAN OR COUPE
 (ANY UPPER B-PILLAR)
 (13) 4-DOOR HARDTOP
 (14) 4-DOOR SEDAN
 (15) STATION WAGON
 (16) CONVERTIBLE
 (18) OTHER PASS. VEH.: _____
 (19) PASSENGER VEHICLE, TYPE UNKNOWN

32 60 61

MULTIPURPOSE PASSENGER VEHICLE

(21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)
 (22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
 (23) VAN, SIZE UNKNOWN
 (24) VAN, SMALL (MINI)
 (25) VAN, LARGE
 (29) MPV, TYPE UNKNOWN
 (30) MOTOR HOME

TRUCK

(31) PICKUP TRUCK, UNKNOWN
 (32) PICKUP TRUCK, SMALL (DOWNSIZED)
 (33) PICKUP TRUCK, LARGE
 (99) UNKNOWN

STOLEN VEHICLE

(0) NO
 (1) YES
 (8) NOT COLLECTED
 (9) UNKNOWN

8
62

BODY STRUCTURE

(1) BODY & FRAME
 (2) UNITIZED
 (3) INTEGRAL-STUB FRAME
 (4) BODY & PLATFORM FRAME
 (E.G. VW BUG)
 (5) PARTIALLY UNITIZED
 (7) OTHER: _____
 (9) UNKNOWN

2
63

TRANSMISSION

(0) NONE
 (1) AUTOMATIC
 (2) MANUAL
 (9) UNKNOWN

1
64LOCATION OF TRANSMISSION
SELECTOR LEVER

(1) FLOOR
 (2) CONSOLE
 (3) COLUMN
 (7) OTHER: _____
 (9) UNKNOWN

3
65

STEERING

(1) POWER
 (2) MANUAL
 (9) UNKNOWN

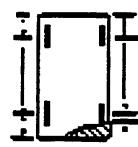
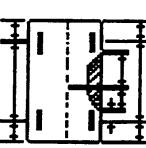
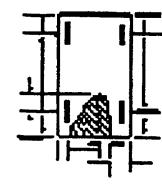
1
66

BRAKES

(1) POWER
 (2) MANUAL
 (9) UNKNOWN

1
67

VEHICLE DESCRIPTION VD-2

TYPE OF BRAKES	<u>2</u> 68	WHEELBASE (cm) (999) Unknown	<u>284</u> 76 77 78
(1) DRUM, ALL WHEELS (2) DISC, FRONT WHEELS (3) DISC, ALL WHEELS (9) UNKNOWN			
BRAKE ANTI-LOCK DEVICE	<u>1</u> 69	PLASTIC ANTI-LACERATIVE INNER LAYER GLASS EQUIPPED	<u>0</u> 79
(0) NONE INSTALLED (1) TWO-WHEEL (2) FOUR-WHEEL (7) EQUIPPED, UNKNOWN WHEELS (9) UNKNOWN		(0) NONE (1) WINDSHIELD (2) WINDSHIELD AND SIDE (7) OTHER (9) UNKNOWN	
AIR CONDITIONING IN VEHICLE	<u>8</u> 70		
(0) NO (1) YES (8) NOT COLLECTED (9) UNKNOWN			
TYPE OF DRIVE	<u>1</u> 71	FIELD INVESTIGATOR INSTRUCTIONS:	
(1) REAR WHEEL (2) FRONT WHEEL (3) FOUR WHEEL (4) ALL WHEEL DRIVE (9) UNKNOWN		1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.	
DUAL REAR WHEELS	<u>0</u> 72	2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE.	
(0) NO (1) YES (9) UNKNOWN		3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR.	
ORIGINAL TYPE OF RESTRAINT SYSTEM	<u>3</u> 73	4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.	
(1) ACTIVE BELT (2) PASSIVE BELT (3) AIRBAG (4) KNEE BOLSTERS (7) OTHER: _____ (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN		EXAMPLES:	
EQUIPPED WITH ROLL BAR	<u>0</u> 74	FRONT OR REAR	
(0) NO (1) YES (9) UNKNOWN		SIDE	
TYPE OF ROOF	<u>1</u> 75	ROOF (REFERENCE TO TOP OF DOOR SILL OR WINDOW SILL)	
(0) NONE (1) SOLID (2) T-TOP CLOSED (3) T-TOP OPEN (4) SUN ROOF CLOSED (5) SUN ROOF OPEN (6) CONVERTIBLE CLOSED (7) CONVERTIBLE OPEN (8) OTHER: _____ (9) UNKNOWN			

Duplicate columns 1-8
from the previous card.

Module V 9 D 10 Format 0 11 2 12

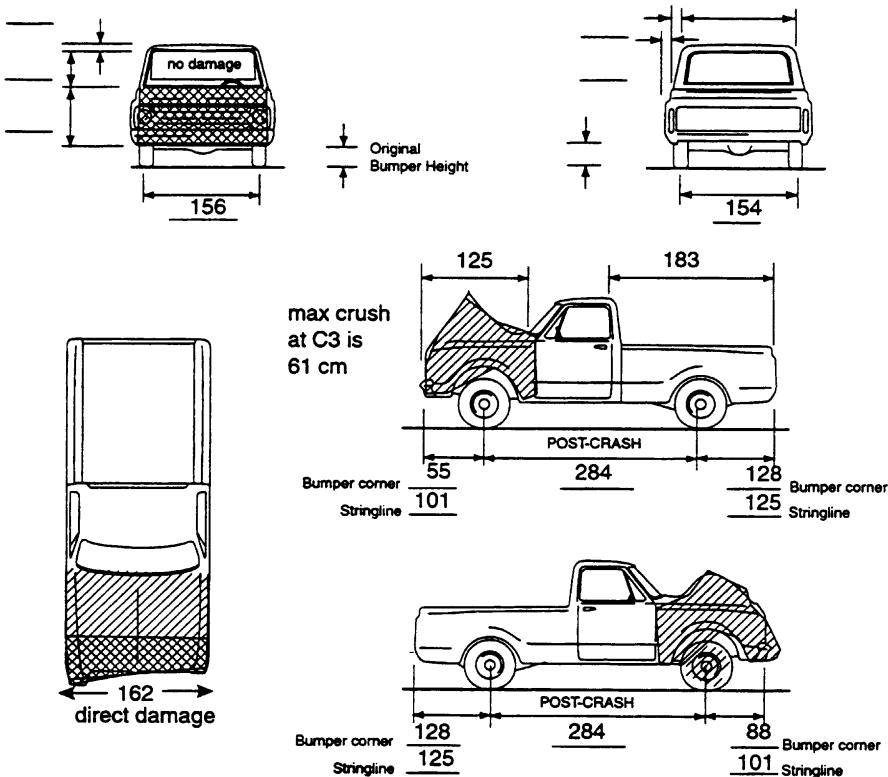
VEHICLE DESCRIPTION VD-3

ORIGINAL SPECIFICATIONS

Wheelbase	<u>284</u> cm	Front Overhang	<u>087</u> cm
Curb Weight	<u>2073</u> kg	Rear Overhang	<u>125</u> cm
Average Track Width	<u>155</u> cm	Undeformed End Width (UEW)	<u>162</u> cm
Overall Length	<u>496</u> cm	Engine Displacement	<u>3.9</u> L
Overall Width (OAW)	<u>182</u> cm	Engine: # of Cylinders	<u>06</u>

VEHICLE DAMAGE

MEASUREMENTS IN CENTIMETERS



stringline was set at 385 subtract 14 from all C's.

FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 162 m
35 37

Front-End Overlap (Percent) = DDL _____
UEW

98 %
38 39

Vehicle Overlap (Percent) = DDL + 1/2 (OAW - UEW) _____
OAW

98 %
40 41

Duplicate columns 1-8
from the previous card.

Module D
9 A
10 Format 0
11 2
12

DAMAGE DA-1

PRIMARY

CASE VEHICLE PRIMARY CDC

CONTACTED VEHICLE ASSOCIATED CDC

EVENT NUMBER

1

999
14 15 16
35 36 37

ESTIMATED BY

1

061
18 19 20
39 40 41

CDC #1

11-FDEW3
21 27
42 48

9900000
49 55

CDC #2

9800000
28 34

9900000
49 55

Duplicate columns 1-8
from the previous card.

Module D
9 A
10 Format 0
11 3
12

SECONDARY

CASE VEHICLE SECONDARY CDC

CONTACTED VEHICLE ASSOCIATED CDC

EVENT NUMBER

8

14 15 16

35 36 37

ESTIMATED BY

17

38

CRUSH (cm)

18 19 20

39 40 41

CDC #1

21 27

42 48

CDC #2

28 34

49 55

CODES

EVENT NUMBER

IMPACT SPEED ESTIMATOR

CRUSH

(8) NOT APPLICABLE
(9) UNKNOWN

(1) INVESTIGATOR
(2) DRIVER
(3) POLICE
(4) "CRASH" PROGRAM
(5) OTHER COMPUTER PROGRAM
SPECIFY: _____
(7) OTHER: _____
(8) NOT APPLICABLE
(NO VEHICLE/NO IMPACT)

(998) NOT APPLICABLE
(NO VEHICLE/DAMAGE)
(999) UNKNOWN

CDC

(9800000) NOT APPLICABLE
(9900000) UNKNOWN

IMPACT SPEED

(998) NOT APPLICABLE
(999) UNKNOWN

Duplicate columns 1-8
from the previous card.Module D A Format 0 1
9 10 11 12

DAMAGE DA-2

MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 0 6 1
13 15RIGHT SIDE 0 0 0
16 18REAR 0 0 0
19 21LEFT SIDE 0 0 0
22 24ROOF 0 0 0
25 27OTHER 0 0 0
28 30CHRONOLOGICAL SEQUENCE
OF DAMAGE/INJURY PRODUCING CRASH EVENTS
FOR CASE VEHICLENOTE: IF CHRONOLOGICAL ORDER
IS UNKNOWN, EVENT
ORDER IS OPTIONAL.DO YOU KNOW THIS TABLE
TO BE IN CHRONOLOGICAL ORDER? 1(0) NO
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>1</u> 32	<u>13</u> 34	<u>37</u> 38
#2	<u>—</u> 37	<u>—</u> 39	<u>—</u> 41
#3	<u>—</u> 42	<u>—</u> 44	<u>—</u> 46
#4	<u>—</u> 47	<u>—</u> 49	<u>—</u> 51
#5	<u>—</u> 52	<u>—</u> 54	<u>—</u> 56
#6	<u>—</u> 57	<u>—</u> 59	<u>—</u> 61
#7	<u>—</u> 62	<u>—</u> 64	<u>—</u> 66

DAMAGE DA-3

CODES FOR
IMPACT CONFIGURATIONFRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPE BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPE BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPE BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPE BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

UNKNOWN

- (99) IMPACT TYPE UNKNOWN

DAMAGE DA-4

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT
- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZE

WHEELBASE

SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107", E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107", E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

Duplicate columns 1-8
from the previous card.Module C R Format 0 1
9 10 11 12CRASH RECONSTRUCTION CR-1
for ΔV

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
	13	47	48 49 50	66 67 68
EVENT NUMBER	1			
ΔV (km/h) TOTAL	<u>0 3 4</u> 14 15 16	<u>8</u> — 32 33 34	— —	— —
LONGITUDINAL*	<u>-0 3 4</u> 17 20	<u>8</u> — 35 38	— —	— —
LATERAL*	<u>+0 0 6</u> 21 24	<u>8</u> — 39 42	— —	— —
*NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = <u>±0 1 0</u> -7 km/h = <u>-0 0 7</u>				
ENERGY DISSIPATED BY CRUSH (kJ)	<u>0 1 0 3</u> 25 28	<u>8</u> — 43 46	— —	— —
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>2 2</u> 29 30		— —	63 64
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/ OVERRISE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY	<u>2</u> 31		— —	65
(2) CDC & DETAILED DAMAGE				
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: <u>WINSMASH</u>				

Duplicate columns 1-8 from the previous card.		Module C 9	R 10	Format 0 11	2 12	CRASH RECONSTRUCTION CR-2 for EBS	
		CASE VEHICLE PRIMARY IMPACT			CASE VEHICLE SECONDARY IMPACT		
		CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE		CONTACTED VEHICLE	
EVENT NUMBER		1 13		47			
EBS (km/h)	TOTAL	03 4 14 15 16	8 — 32 33 34	48 49 50		66 67 68	
LONGITUDINAL*		-034 17 20	8 — 35 38	51 — 54		69 — 72	
LATERAL*		1006 21 24	8 — 39 42	55 — 58		73 — 76	
NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.							
EXAMPLES: 10 km/h = ± 0 1 0 -7 km/h = -0 0 7							
ENERGY DISSIPATED BY CRUSH (kj)		0 103 25 28	8 — 43 46	59 — 62		77 — 80	
RECONSTRUCTION		22 29 30		63 64			
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL							
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL							
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL							
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL							
NOT RECONSTRUCTED BECAUSE							
(02) INSUFFICIENT DATA							
(03) EXCESSIVE UNDERRIDE/ OVERRISE							
(04) ROLLOVER							
(05) VAULTING							
(06) OTHER TRAVEL IN MORE THAN ONE PLANE							
(07) NON-HORIZONTAL FORCE							
(08) SIDESWIPE-TYPE DAMAGE							
(09) YIELDING OBJECT							
(10) OTHER: _____							
(11) AT LEAST ONE VEHICLE BEYOND SCOPE							
(12) OTHER VEHICLE NOT INSPECTED							
MODE		2 31		65			
(1) CDC ONLY							
(2) CDC & DETAILED DAMAGE							
(3) TRAJECTORY & CDC							
(4) TRAJECTORY & CDC & DETAILED DAMAGE							
(5) NOT RECONSTRUCTED							
COMPUTER PROGRAM SPECIFY: <u>WINSMASH</u>							

Duplicate columns 1-8
from the previous card.Module C R Format 0 3
9 10 11 12

CRASH RECONSTRUCTION CR-3

NOTES: 1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.2. MEASURE C_1 TO C_6 FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.

4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

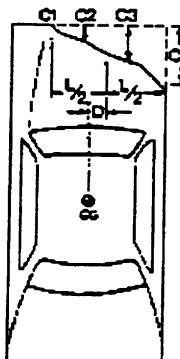
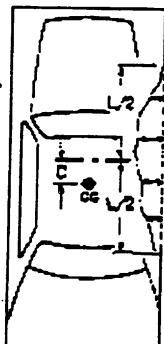
Specific Impact No.	Location of Direct Damage	Location of Field L
1	BC TO BC	BC TO BC

MAX CRUSH IS C_3

STRINGLINE WAS SET
385 FROM REAR WHEEL
BECAUSE C_6 WAS
OUTWARD. SHOULD BE
371. -14 FROM all C_i

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown



$$125 \div 5 = 25 \text{ ext 1}$$

$$50 \text{ ext 2}$$

$$75 \text{ ext 3}$$

DL _____

UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C_1	C_2	C_3	C_4	C_5	C_6	$\pm D$
		Length (DDL)	Max Crush								
1	1	162	75	128	45.5	52	75	44	20	12	0
STRIMLINE ADJUSTMENT			14		-14	-14	-14	-14	-14	-14	
FREE SPACE			0		11	5	0	0	5	11	
TOTAL			61		205	33	61	30	1	0	
1	1	162	061	128	021	033	061	030	001	000	+000
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8
from the previous card.Module C 9 R 10 Format 0 11 4 12

CRASH RECONSTRUCTION CR-4

NOTES: 1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.2. MEASURE C_1 TO C_6 FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.

4. USE THE CENTER OF THE WHEELBASE AS THE CG.

OTHER VEHICLE

LOCATOR

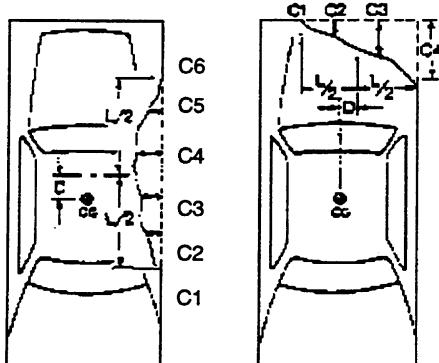
Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L

NO INSPECTION

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown



DL _____

UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
		Length (DDL)	Max Crush								
1	9	999	999	999	999	999	999	999	999	999	999
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8
from the previous card.Module W
9 T
10 Format 0
11 1
12

WHEELS AND TIRES

WT-1

WHEELS--DAMAGED

(0) NO
(1) YES
(9) UNKNOWN

LF 0
13
RF 1
RR 0
LR 0
16

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF D 2 1 5 7 5 R 1 5
25
RF -----
35
RR -----
45
LR -----
55

TIRE TREAD TYPE

(1) REGULAR
(2) SNOW
(3) SLICKS
(4) ALL WEATHER (MS)
(7) OTHER: _____
(9) UNKNOWN

LF 4
17
RF 4
RR 4
LR 4
20

CARCASS CONSTRUCTION

(1) BIAS
(2) BELTED BIAS
(3) RADIAL
(4) ELLIPTICAL
(5) HI PRESSURE SPARE
(6) SPACE SAVER SPARE
(7) OTHER: _____
(9) UNKNOWN

LF 3
21
RF 3
RR 3
LR 3
24

IF VEHICLE IS EQUIPPED WITH DUAL
WHEELS, COMPLETE FOR OUTER WHEELS
AND MAKE NOTES ON INNER WHEELS.

NOTES: _____

Duplicate columns 1-8
from the previous card.Module F 9 T 10 Format 0 11 1 12

FUEL AND FUEL TANKS FT-1

TYPE OF PROPULSIVE FUEL	<u>1</u> 13	AUXILIARY TANK TYPE	<u>8</u> 21
(1) GASOLINE (2) DIESEL OIL (3) LPG (4) ELECTRIC (7) OTHER: _____ (9) UNKNOWN		(1) OEM TANK (2) AFTER MARKET TANK (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	
MAIN TANK LOCATION	<u>322</u> 14 16	AUXILIARY TANK LOCATION	<u>888</u> 22 24
MAIN FILLER CAP LOCATION	<u>113</u> 17 19	AUXILIARY FILLER CAP LOCATION	<u>888</u> 25 27
MAIN TANK MATERIAL	<u>L2</u> 9 20	AUXILIARY TANK MATERIAL	<u>8</u> 28

TANK AND FILLER CAP LOCATION CODES

FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.Module F L Format 0 1
9 10 11 12

FUEL LEAKAGE FL-1

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.(1) YES COMPLETE PAGE.

13



LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	14 15	—	—	—	—	21
#2	22 23	—	—	—	—	29
#3	30 31	—	—	—	—	37
#4	38 39	—	—	—	—	45
#5	46 47	—	—	—	—	53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN

II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) Ruptured
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT (LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT (LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.Module F R Format 0 1
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.13
O(1) YES COMPLETE PAGE.

DID FIRE START IN CASE VEHICLE?

(0) NO
(1) YES
(9) UNKNOWN

14

SEVERITY OF FIRE DAMAGE

(1) MINOR
(2) MODERATE
(3) SEVERE
(9) UNKNOWN

16

FLAME PROPOGATION RATE

(1) RAPID/EXPLOSIVE
(2) SLOW/MODERATE
(9) UNKNOWN

15

DID AN INJURY TO CASE
VEHICLE OCCUPANT RESULT FROM
FIRE IN OR ON CASE VEHICLE?

(0) NO
(1) YES
(9) UNKNOWN

17

PROVIDE NOTES IF FIRE OCCURRED.

Duplicate columns 1-8
from the previous card.Module E D Format 0 1
9 10 11 12

EXTERIOR DAMAGE

ED-1

HOOD PERFORMANCE			STEERING COL FLEXIBLE COUPLING	
FOR THE FOLLOWING, USE CODES:			FLEXIBLE COUPLING TYPE	
<ul style="list-style-type: none"> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN 			<ul style="list-style-type: none"> (0) NONE (1) FLEXIBLE MATERIAL (2) POT (3) SINGLE U-JOINT (4) DOUBLE U-JOINT (5) FLEXIBLE CABLE (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OTHER: _____ (8) EQUIPPED, TYPE UNKNOWN (9) UNKNOWN, IF EQUIPPED 	
HOOD LATCH(ES)-	-RELEASED		01 13	9 26
	-DAMAGED		1 14	
	-JAMMED		0 15	
HOOD HINGES-	-LEFT,	DAMAGED	1 16	9 27
	-LEFT,	SEPARATED (COMPLETE)	0 17	
	-RIGHT,	DAMAGED	1 18	
	-RIGHT,	SEPARATED (COMPLETE)	0 19	
HOOD REMAINED ON VEHICLE			1 20	9 28
REAR EDGE OF HOOD-			1 21	
-CONTACTED WINDSHIELD		0 22		
-PENETRATED WINDSHIELD			0 23	8 29 30
HOOD LATCH LOCATION			1 24	
<ul style="list-style-type: none"> (1) FRONT OF VEHICLE (2) COWL AREA (3) SIDE (8) NOT APPLICABLE (9) UNKNOWN 			1 24	
ENGINE OR TRANSMISSION MOUNT			1 25	
SEPARATION (COMPLETE)			1 25	
<ul style="list-style-type: none"> (0) NO (1) YES (9) UNKNOWN 			1 25	
COUPLING-			-DAMAGED	9 27
(USE CODES FROM HOOD PERFORMANCE)			-SEPARATED (COMPLETE)	
ENG COMPART TELESCOPING UNIT			TYPE OF UNIT	
			<ul style="list-style-type: none"> (00) NONE INSTALLED (01) - (07) SEE UNITS ON PAGE ED-2 (88) NOT COLLECTED (97) OTHER: _____ (98) EQUIPPED, TYPE UNKNOWN (99) UNKNOWN IF EQUIPPED 	
			ORIGINAL LENGTH (mm)	
			F (OR H): _____	
			TELESCOPED LENGTH (mm)	
			G: _____	
			DIFFERENCE (mm)	
			F (OR H) - G	
			(IF LESS THAN 15mm, ENTER "000".)	
			<ul style="list-style-type: none"> (888) NOT COLLECTED (991) NOT MEASURED/NO COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN 	
			8 31	8 33

EXTERIOR DAMAGE

ED-2

LEFT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

8
34

LEFT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
- (1) YES
- (4) NO SEPARATION, BUT DAMAGED
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

-A-PILLAR, UPPER

0
35

LOWER

0
36

-B-PILLAR, UPPER

0
37

LOWER

0
38

-C-PILLAR, UPPER

8
39

LOWER

8
40

-D-PILLAR, UPPER

8
41

LOWER

8
42

LEFT DOORS

HOW DID DOORS
OPEN DURING COLLISION?

USE CODES:

- (0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

-FRONT

0
43

-REAR

8
44

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

-FRONT

0
45

-REAR

8
46

EXTERIOR DAMAGE

ED-3

REAR DOOR

REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

Hatchback



One-way



Two-way



or



Clamshell



Single door



Double door



HOW DID DOOR OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE (CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

8
47

OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

8
50

SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

8
51

TRAILER HITCH TYPE

- (0) NO HITCH

BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

8
52

OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)

- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

8
48

TRAILER TYPE (AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: _____
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

8
538
49

EXTERIOR DAMAGE

ED-4

RIGHT-SIDE BODY MOUNT		8 54	RIGHT DOORS			
DID BODY MOUNT SEPARATE?			HOW DID DOORS OPEN DURING COLLISION?			
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			USE CODES:			
RIGHT PILLARS			(00) DOOR DID NOT OPEN OPENED BECAUSE OF			
PILLARS SEPARATED COMPLETELY - USE CODES:			(01) HINGE AREA SEPARATION (02) DOOR-LATCH SEPARATION (03) LATCH-STRIKER SEPARATION (04) STRIKER-PILLAR SEPARATION (05) BODY DISTORTION (06) COMBINATION OF ABOVE (CIRCLE EACH) (07) OPENED, REASON UNKNOWN (11) VAN RIGHT-REAR DOOR OPENED (ANY MECHANISM)			
(0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN			(98) NOT APPLICABLE (NO DOOR) (99) UNKNOWN			
-A-PILLAR, UPPER		0 55	-FRONT			
LOWER		0 56	-REAR			
-B-PILLAR, UPPER		0 57	98 65 66			
LOWER		0 58	DOORS JAMMED CLOSED-			
-C-PILLAR, UPPER		8 59	USE CODES:			
LOWER		8 60	(0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN			
-D-PILLAR, UPPER		8 61	-FRONT			
LOWER		8 62	-REAR			
VAN REAR DOOR TYPE						
(0) VAN, NO REAR DOOR (1) TRACK (SLIDING) - RIGHT SIDE (2) SINGLE-HINGED - RIGHT SIDE (3) DOUBLE-HINGED - RIGHT SIDE (4) TRACK (SLIDING) - RIGHT & LEFT SIDE (5) SINGLE-HINGED - RIGHT & LEFT SIDE (6) DOUBLE-HINGED - RIGHT & LEFT-SIDE (7) TRACK AND HINGED COMBINATION (8) NOT APPLICABLE (NOT A VAN) (9) UNKNOWN						

EXTERIOR DAMAGE

ED-5

WINDSHIELD DAMAGE

WINDSHIELD CRACKED

(0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

70

WINDSHIELD BROKEN
(PLASTIC INTERLAYER TORN)

(0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

8
71CRACKED OR BROKEN
BY OCCUPANT CONTACT

(0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

8
72

EXTENT OF BOND SEPARATION

(0) NONE
 (1) 1 - 20%
 (2) 21 - 40
 (3) 41 - 60
 (4) 61 - 80
 (5) 81 - 99
 (6) TOTAL
 (7) SEPARATED, AMOUNT
UNKNOWN
 (8) NOT APPLICABLE
 (9) UNKNOWN

73

WINDSHIELD CODE

(97) DESCRIBED BUT NOT CODED
 (98) NOT APPLICABLE (NO WINDSHIELD)
 (99) UNKNOWN

99
74 75

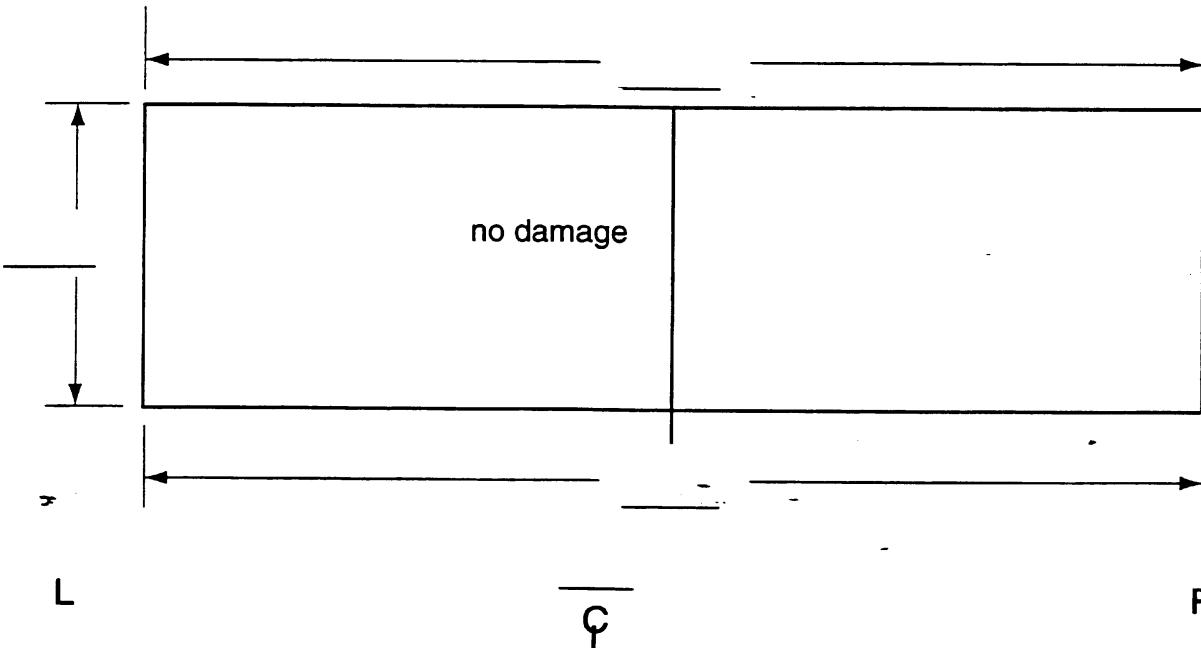
ROOF

DID T-ROOF/SUN ROOF OPEN
DURING COLLISION?

(0) NO
 (1) YES
 (8) NOT APPLICABLE
(NOT A T-ROOF OR SUN ROOF)
 (9) UNKNOWN

8
76

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.



Duplicate columns 1-8
from the previous card.

Module S 9 C 10 Format 0 11 1 12

STEERING WHEEL AND COLUMN SC-1

STEERING WHEEL

STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

upper
half

NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

STEERING COLUMN OPTIONS

TILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

13

14

15

16

17

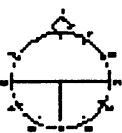
18

STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE
NORMAL TOP OF THE WHEEL POINTED
WHEN THE COLLISION OCCURRED?

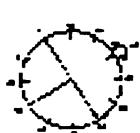
EXAMPLES

O'CLOCK = 12



(NORMAL STRAIGHT AHEAD)

O'CLOCK = 9



O'CLOCK = 9

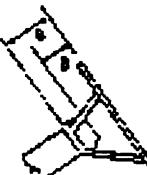
(99) UNKNOWN

STEERING WHEEL ENERGY ABSORBING DEVICE

(1) EXAMPLES:

BARRACUDA, 70-74
CHALLENGER, 70-74
CAPRI, 71-77

(2) EXAMPLES:

OMNI, 78-
HORIZON, 78-

TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: _____
- (8) NOT COLLECTED
- (9) UNKNOWN IF EQUIPPED

8
19

ORIGINAL DIMENSION (mm)

A: _____

DAMAGE DIMENSION (mm)

B: _____

DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8
20 22

STEERING WHEEL AND COLUMN SC-2

STEERING COLUMN
ENERGY ABSORBING DEVICE

TYPE OF DEVICE * (IF 27 OR 28)

- (00) NOT EQUIPPED
- (88) NOT COLLECTED
- (99) UNKNOWN

ORIGINAL LENGTH (mm)

C: _____

COMPRESSED LENGTH (mm)

D: _____

BRACKET DEFLECTION (IF CODE 36, 48,
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE: ± 10)

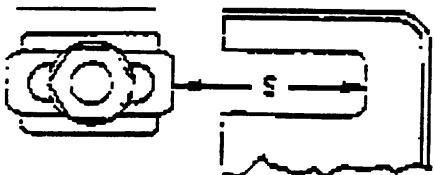
- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

* (ADD A & B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT & RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT SEPARATION
- (992) SEPARATED, AMOUNT UNKNOWN
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION
- (1) UPWARD APPARENT ROTATION
- (2) DOWNWARD APPARENT ROTATION
- (9) UNKNOWN

COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION
- (1) LEFT APPARENT ROTATION
- (2) RIGHT APPARENT ROTATION
- (9) UNKNOWN

8	8
23	24

STEERING WHEEL (CONTINUED)

STEERING WHEEL HUB DAMAGE

- (0) NONE
- (1) OCCUPANT CONTACT
- (2) AIRBAG
- (3) OTHER _____
- (9) UNKNOWN

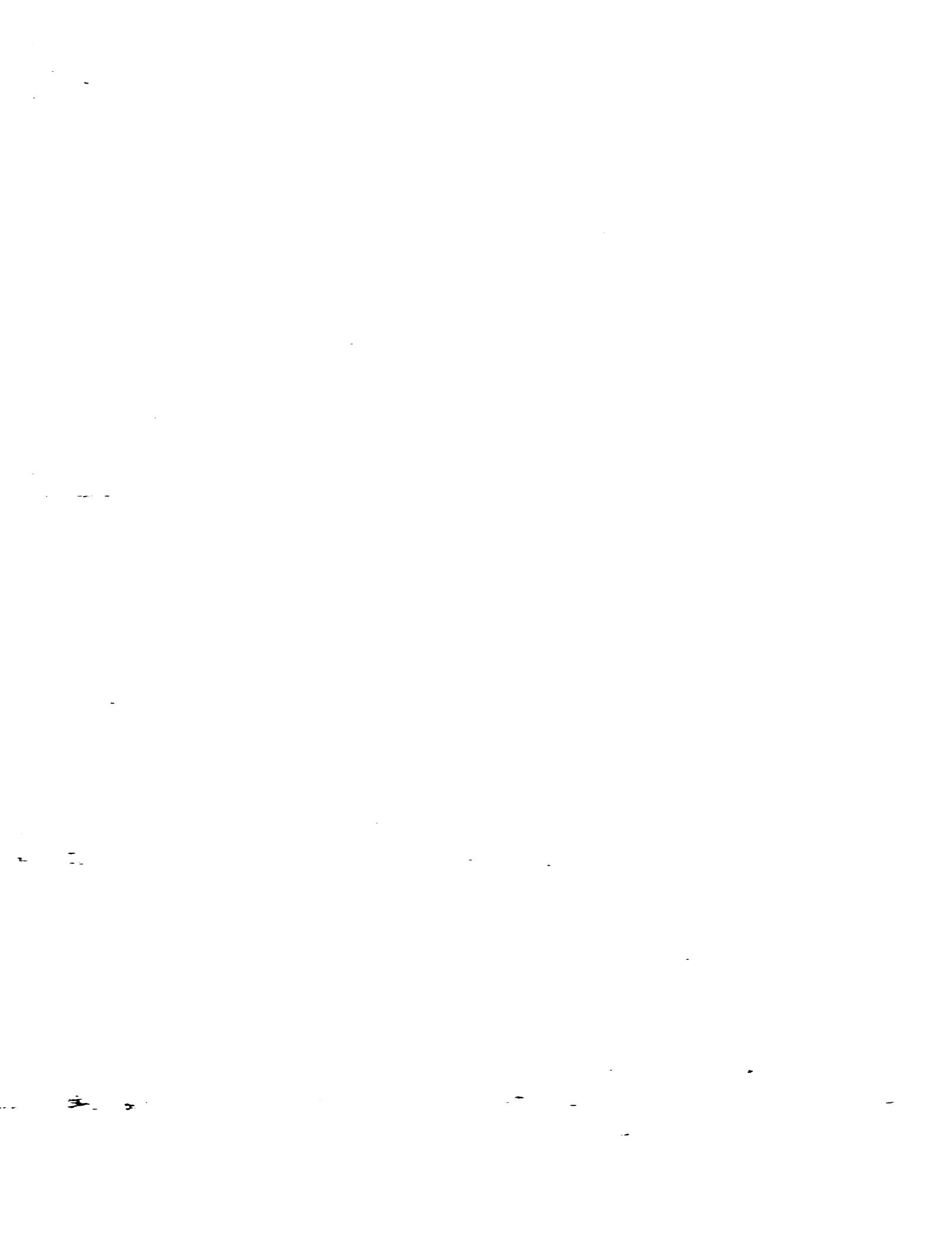
33	C
----	---

8	8	8
25	26	27

8	8	8
28	29	30

1
31

1
32



1 = Definitely 2 = Probably 3 = Possible

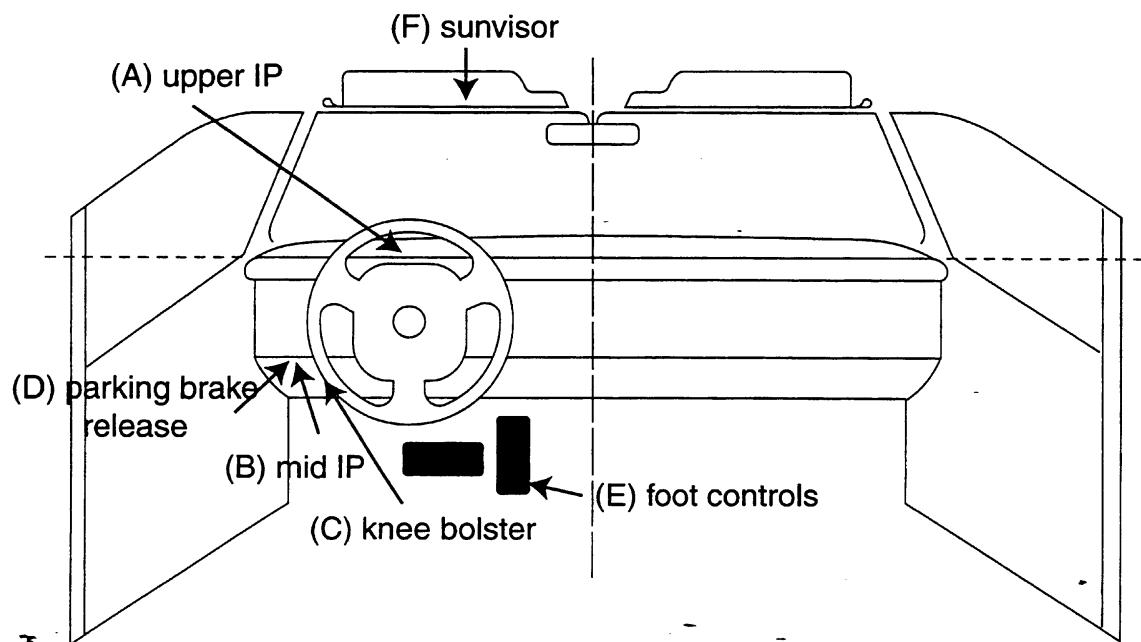
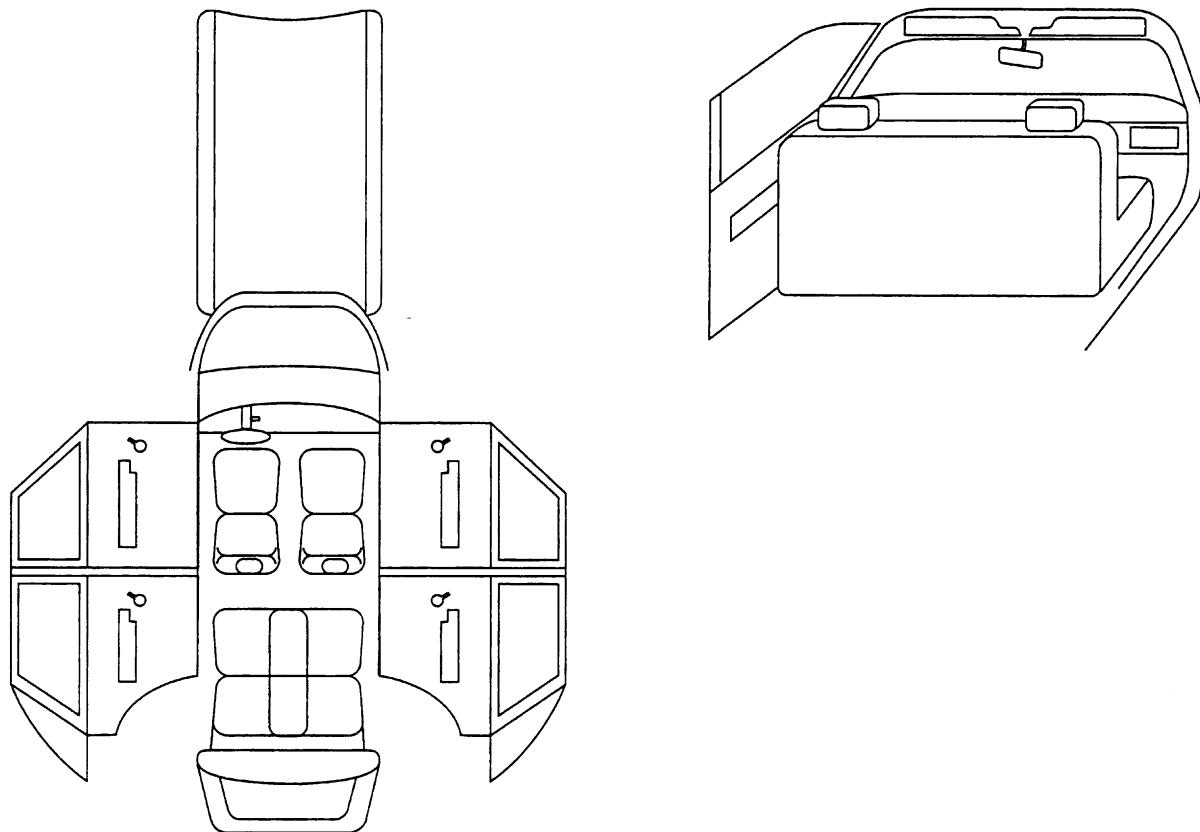
BEST AVAILABLE

INTRUSION IT-1

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Upper IP	1	Hand	Skin	2
B	Mid IP	1	Hand	Damage to panel	2
C	Knee bolster	1	Knee	Scuff	1
D	Parking brake release	1	Knee/leg	Damage	1
E	Foot controls	1	Feet	Gas and brake pedal bent to left	1
F	Sunvisor	1	Head	Bent, scuff, blood	1
G					
H					

VEHICLE OCCUPANT CONTACT DIAGRAM



INTRUSION IT-3

CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

SECOND DIGIT

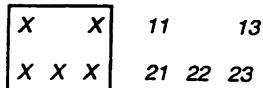
THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

(1) LEFT	(3) RIGHT	INDIVIDUAL SEAT
(1) LEFT	(2) CENTER	(3) RIGHT BENCH: FULL WIDTH 3 PASSENGER
(1) LEFT	(2) LEFT CENTER	(6) RIGHT (3) RIGHT BENCH: FULL WIDTH 4 PASSENGER
(1) LEFT	(2) CENTER	(5) RIGHT & AISLE SPACE BENCH: PARTIAL WIDTH, LEFT
(0) LEFT & SPACE	(2) CENTER	(5) RIGHT & SPACE BENCH: PARTIAL WIDTH, CENTERED
(4) ENTIRE VEHICLE WIDTH		CARGO AREA

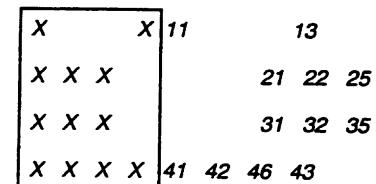
EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR
5 PASSENGERS



VAN
12 PASSENGER CAPACITY



CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
- (Y) Y-AXIS (LATERAL)
- (Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	<u>CONTACT</u>
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

INTRUSION IT-4

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT	GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE	
INTERNAL	<i>USE ONLY IF ALL THESE COMPONENTS INTRUDED INTO A SINGLE OCCUPANT SPACE.</i>	
(01) INSTRUMENT PANEL	(50) WINDSHIELD HEADER	(60) ROOF
(02) FIRE WALL	A-PILLAR	ROOF RAIL
(03) TOE PAN	ROOF SIDE RAIL	A-PILLAR
(04) FLOOR PAN		B-PILLAR
(05) STEERING COLUMN	(51) INSTRUMENT PANEL	C-PILLAR
(06) WINDSHIELD	A-PILLAR	WINDOW FRAME
(07) WINDSHIELD HEADER	DOOR PANEL	DOOR PANEL
(08) A-PILLAR		FLOOR PAN
(09) DOOR PANEL OR SIDE PANEL	(52) INSTRUMENT PANEL	(61) INSTRUMENT PANEL
(10) WINDOW FRAME	A-PILLAR	TOE PAN
(11) B-PILLAR	WINDSHIELD HEADER	WINDSHIELD HEADER
(12) C-PILLAR		A-PILLAR
(13) D-PILLAR	(53) DOOR PANEL	ROOF RAIL
(14) ROOF SIDE RAILS	B-PILLAR	WINDOW FRAME
(15) ROOF OR CONVERTIBLE TOP	ROOF RAIL	DOOR PANEL
(16) BACKLIGHT HEADER		ROOF
(17) FRONT SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	(54) DOOR PANEL	(62) ROOF
(18) SECOND SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	A-PILLAR	ROOF RAIL
(19) THIRD SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	ROOF RAIL	C-PILLAR
(20) FOURTH SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	(55) INSTRUMENT PANEL	WINDOW FRAME
(21) FIFTH SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	FLOOR PAN	FLOOR PAN
(22) BACK PANEL/BACK DOOR SURFACE	A-PILLAR	SECOND SEAT
(23) SEAT CUSHION SURFACE/EDGE	DOOR FRAME	DOOR PANEL
(24) CONSOLE	(56) ROOF RAIL	(63) ROOF RAIL
(25) OTHER (DESCRIBE)	A-PILLAR	ROOF
(26) UNKNOWN INTERNAL SURFACES	B-PILLAR	B-PILLAR
(28) TRANSMISSION TUNNEL (HUMP)	WINDOW FRAME	WINDOW FRAME
(29) SIDE FOOTWELL PANEL (KICKPANEL)	(57) ROOF RAIL	FLOOR PAN
(30) SILL	A-PILLAR	DOOR PANEL
EXTERNAL	B-PILLAR	SECOND SEAT
(43) HOOD	C-PILLAR	FRONT SEAT
(44) OBJECT EXTERNAL TO PASSENGER COMPARTMENT BUT PART OF CASE VEHICLE	DOOR PANEL	(64) ROOF RAIL
(45) OUTSIDE SURFACE OF CASE VEHICLE	(58) ROOF	ROOF OR CONVERTIBLE TOP
(46) OTHER (E.G. SPARE TIRE, JACK. DESCRIBE.)	ROOF RAIL	A-PILLAR
(49) UNKNOWN EXTERNAL OBJECT	WINDOW FRAME	B-PILLAR
	DOOR PANEL	WINDOW FRAME
	(59) BACKLIGHT HEADER	WINDOW HEADER
	ROOF	
	C-PILLAR	(65) WINDSHIELD
	THIRD SEAT-BACK	WINDSHIELD HEADER
		ROOF SIDE RAIL
	(66) WINDSHIELD	
	WINDSHIELD HEADER	(66) WINDSHIELD
	A-PILLAR	WINDSHIELD HEADER
		A-PILLAR
		(98) NOT APPLICABLE
		(99) UNKNOWN

Duplicate columns 1-8
from the previous card.Module I 9 T 10 Format 0 11 1 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION?

13

WAS INTRUSION CATASTROPHIC?

14

(0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.
 (1) YES ANSWER NEXT QUESTION.
 (9) UNKNOWN SKIP PAGE.

(0) NO COMPLETE PAGE.
 (1) YES SKIP PAGE.

Duplicate columns 1-8
from the previous card.Module I 9 T 10 Format 0 11 2 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.

CODES FOR B, F, G, H, I, J ON PAGE IT-3

CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A INTRUSION NUMBER	B OCC. SPACE NO.	C INTRUDING COMPONENT OR OBJECT	D ASSOC. EVENT NO.	E MAXIMUM INTRUSION NO.	F MAXIMUM INTRUSION X AXIS (cm)	G MAXIMUM INTRUSION Y AXIS (cm)	H OCCUPANT NUMBER	I INJURY NUMBER	J OCCUPANT NUMBER	K INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
0 1	11	04	1	00	00	06 0 ^P	00	00	00	00
0 2	—	—	—	—	—	—	—	—	—	—
0 3	—	—	—	—	—	—	—	—	—	—
0 4	—	—	—	—	—	—	—	—	—	—
0 5	—	—	—	—	—	—	—	—	—	—
0 6	—	—	—	—	—	—	—	—	—	—
0 7	—	—	—	—	—	—	—	—	—	—

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8
from the previous card.Module I 9 T 10 Format 0 11 3 12NOTE: IF NO SIDE DOOR INTRUSION,
SKIP REMAINDER OF PAGE.SIDE DOOR INTRUSION
RESULTED FROMINTRUSION
NUMBERCAUSE
CODES
FOR CAUSE:

13

15 (1) DIRECT
IMPACT

16

18 (2) INDUCED
DAMAGE

19

21 (9) UNKNOWN

IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED
DOOR INTRUSION, CODE COMPONENT

INTRUSION NUMBER	DAMAGED COMPONENT 1	DAMAGED COMPONENT 2	CODES FOR COMPONENTS
A 22 23	—	—	(0) NONE (1) A-PILLAR (2) B-PILLAR (3) C-PILLAR (4) LATCH/STRIKER (5) HINGES (7) OTHER: _____
B 26 27	—	—	(8) NOT APPLICABLE (9) UNKNOWN
C 30 31	—	—	
D 34 35	—	—	

Duplicate columns 1-8 Module L T Format 0 2
 from the previous card. 9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).
 Duplicate columns 1 - 12 for each completed line.

-- ADDITIONAL PAGE --

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.

CODES FOR B, F, G, H, I, J ON PAGE IT-3

CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A INTRUSION NUMBER	B OCC. SPACE NO.	C INTRUDING COMPONENT OR OBJECT	D ASSOC. EVENT NO.	E MAXIMUM INTRUSION X AXIS (cm)	F MAXIMUM INTRUSION Y AXIS (cm)	G MAXIMUM INTRUSION Z AXIS (cm)	H OCCUPANT NUMBER	I INJURY NUMBER	J OCCUPANT NUMBER	K INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0</u> <u>8</u>	—	—	—	—	—	—	—	—	—	—
<u>0</u> <u>9</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>0</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>1</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>2</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>3</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>4</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>5</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>6</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>7</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>8</u>	—	—	—	—	—	—	—	—	—	—
<u>1</u> <u>9</u>	—	—	—	—	—	—	—	—	—	—
<u>2</u> <u>0</u>	—	—	—	—	—	—	—	—	—	—
<u>2</u> <u>1</u>	—	—	—	—	—	—	—	—	—	—
<u>2</u> <u>2</u>	—	—	—	—	—	—	—	—	—	—
<u>2</u> <u>3</u>	—	—	—	—	—	—	—	—	—	—
<u>2</u> <u>4</u>	—	—	—	—	—	—	—	—	—	—
<u>2</u> <u>5</u>	—	—	—	—	—	—	—	—	—	—

Duplicate columns 1-8
from the previous card.Module I 9 D 10 Format 0 11 1 12

INTERIOR DAMAGE

ID-1

CODES:

(0) NO
(1) YES
(3) NO, and OCCUPANT CONTACT

(4) YES, and OCCUPANT CONTACT
(8) NOT APPLICABLE
(9) UNKNOWN

SIDES	LEFT	RIGHT	FRONT		INSTRUMENT PANEL	
FRONT DOOR	0 13	0 14	FOOT CONTROLS	4 45	UPPER PANEL	3 55
FRONT HARDWARE	0 15	0 16	IGNITION KEYS	0 46	MID PANEL	4 56
FRONT ARMREST	0 17	0 18	REAR VIEW MIRROR	0 47	LOWER PANEL	4 57
FRONT GLASS	0 19	0 20	SUNVISOR/FITTINGS	5 48	ASHTRAY	0 58
REAR DOOR AREA	0 21	0 22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS	0 59
REAR HARDWARE	0 23	0 24	WINDSHIELD TOP MOLDINGS	0 49	GLOVE COMPARTMENT AREA	0 60
REAR ARMREST	0 25	0 26	LEFT A-PILLAR (UPPER OR LOWER)	0 50	INSTRUMENTS	0 61
REAR GLASS	0 27	0 28	RIGHT A-PILLAR (UPPER OR LOWER)	0 51	PARKING BRAKE RELEASE	0 62
ROOF SIDE RAIL	0 29	0 30	CENTER CONSOLE	0 52	PARKING BRAKE PEDAL	0 63
B-PILLAR	0 31	0 32	TRANSMISSION SELECTOR LEVER	0 53	A/C OR UPPER VENT OUTLETS	0 64
C-PILLAR	0 33	0 34	RIM, HORN, SPOKE	0 54	HEATER OR A/C DUCTS	0 65
D-PILLAR	0 35	0 36			RADIO	0 66
HEADLINING	0 37	0 38			OTHER: * _____	8 67
ROOF STRUCTURE	0 39	0 40				
T-ROOF/SUN ROOF	0 41	0 42			REAR	0 68
OTHER: *	0 43	0 44			WINDOW	0 69
					WINDOW HEADER	
					CONSOLES	0 70
					VERTICAL	0 71
					ROOF	0 71

* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8
from the previous card.

Module S 9 T 10 Format 0 2 11 12

SEATS

ST-1

FRONT SEAT				FRONT SEAT-BACK			
TYPE OF FRONT SEAT		DRIVER	PASSENR	SEAT-BACK TYPE		DRIVER	PASSENR
(00) NO SEAT		<u>05</u>	<u>05</u>	(1) FORWARD FOLDING		<u>3</u>	<u>3</u>
(01) STANDARD BENCH		13	14	(2) RIGID		30	31
(02) SPLIT BACK, 50-50		15	16	(3) RECLINING			
(03) SPLIT BACK, DRIVER WIDE				(7) OTHER: _____			
(04) SPLIT BACK, PASS. WIDE				(8) NOT APPLICABLE			
(05) BUCKET				(9) UNKNOWN			
(06) CAPTAIN'S CHAIR							
(07) INDIV. BENCH, 50-50							
(08) INDIV. BENCH, DRIVER WIDE							
(09) INDIV. BENCH, PASS. WIDE							
(97) OTHER: _____							
(99) UNKNOWN							
TYPE OF SEAT MOUNT				SEAT-BACK LOCK TYPE			
(1) STANDARD		<u>1</u>	<u>1</u>	(0) NONE		<u>1</u>	<u>1</u>
(2) PEDESTAL				(1) MANUAL		32	33
(7) OTHER: _____		17	18	(2) INERTIA			
(8) NOT APPLICABLE				(3) POWER			
(9) UNKNOWN				(7) OTHER: _____			
SWIVEL MECHANISM EQUIPPED				(8) NOT APPLICABLE			
(0) NO		<u>0</u>	<u>0</u>	(9) UNKNOWN			
(1) YES		19	20				
(8) NOT APPLICABLE							
(9) UNKNOWN							
ORIGINAL EQUIPMENT SEATS				LOCKS HELD			
(0) NO		<u>1</u>	<u>1</u>	(0) NO		<u>1</u>	<u>1</u>
(1) YES		21	22	(1) YES		34	35
(8) NOT APPLICABLE				(8) NOT APPLICABLE			
(9) UNKNOWN				(9) UNKNOWN			
CONTACT OF SEAT BY REAR OCCUPANT							
(0) NO		<u>8</u>	<u>8</u>	RECLINER MECHANISM HELD		<u>1</u>	<u>1</u>
(1) YES		23	24	(0) NO		36	37
(8) NOT APPLICABLE				(1) YES			
(9) UNKNOWN				(8) NOT APPLICABLE			
FRONT SEAT DAMAGE				(9) UNKNOWN			
(0) NONE		<u>0</u>	<u>0</u>				
(1) BACKREST ONLY DAMAGED		25	26	HEAD RESTRAINT			
(2) CUSHION ONLY DAMAGED				HEAD RESTRAINT TYPE			
(3) BACKREST & CUSHION DAMAGED				(0) NONE		<u>2</u>	<u>2</u>
(8) NOT APPLICABLE				(1) ADJUSTABLE		38	39
(9) UNKNOWN				(2) INTEGRAL			
CENTER ARMREST DAMAGED				(3) NOT INTEGRAL, BUT CANNOT BE REMOVED			
(0) NO		<u>0</u>	<u>0</u>	(7) OTHER: _____			
(1) YES		27		(8) NOT APPLICABLE			
(7) EQUIPPED, DAMAGE UNKNOWN				(9) UNKNOWN			
(8) NOT APPLICABLE (NO CENTER ARMREST)							
(9) UNKNOWN IF EQUIPPED							
FRONT SEAT ROTATION				REMOVED PRE-CRASH		<u>8</u>	<u>8</u>
(0) NONE APPARENT		<u>0</u>	<u>0</u>	(0) NO		40	41
(1) FORWARD APPARENT		28	29	(1) YES			
(2) REARWARD APPARENT				(8) NOT APPLICABLE			
(3) LEFT APPARENT				(9) UNKNOWN			
(4) RIGHT APPARENT							
(5) MULTIPLE ROTATIONS SPECIFY _____							
(8) NOT APPLICABLE							
(9) UNKNOWN							
				ADJUSTMENT AT CRASH		<u>8</u>	<u>8</u>
				(1) UP		42	43
				(2) DOWN			
				(8) NOT APPLICABLE			
				(9) UNKNOWN			
				HEAD RESTRAINT DAMAGE		<u>0</u>	<u>0</u>
				(0) NONE		44	45
				(1) DAMAGED BUT NOT SEPARATED			
				(2) SEPARATED			
				(8) NOT APPLICABLE			
				(9) UNKNOWN			

SEATS ST-2

FRONT SEAT ADJUSTMENT	DRIVER	PASSENR	SECOND SEAT (CONT.)	
			CENTER ARMREST DAMAGED	
	1 46	1 47		8 60
			(0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (9) UNKNOWN IF EQUIPPED	
			SECOND SEAT-BACK	
			LOCKS	
			FOR THE FOLLOWING, USE:	
			(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
SEAT ADJUSTER DAMAGE	0 50	0 51	LEFT OR CENTER, EQUIPPED	
				8 61
			LEFT OR CENTER, HELD	
				8 62
			(3) SEAT FOLDED DOWN	
				8 63
			RIGHT, EQUIPPED	
				8 64
			(3) SEAT FOLDED DOWN	
SEAT ADJUSTER SEPARATION	8 52	8 53	RIGHT, HELD	
				8 65
			THIRD SEAT	
				8 66
			EQUIPPED	
				0 67
			BACKREST DAMAGED	
				0 68
			CUSHION DAMAGED	
PRE-CRASH POSITION	1 54	3 55		0 69
				0 70
			VEHICLE EQUIPPED WITH	
			REAR HEAD RESTRAINTS	
				8 71
			(0) NOT EQUIPPED (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (9) UNKNOWN	
				8 72
				8 73
				8 74
SECOND SEAT	LEFT	RIGHT	Applies to any rear-seat position	
			8 75	
SECOND SEAT DAMAGE				

Duplicate columns 1-8
from the previous card.

Module A 9 B 10 Format 0 11 1 12

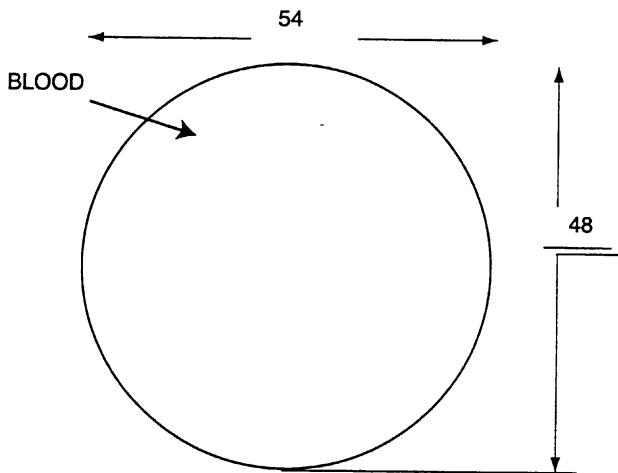
AIRBAG AB-1

DRIVER SIDE		PASSENGER SIDE	
LOCATION OF AIRBAG		LOCATION OF AIRBAG	
STEERING WHEEL		INSTRUMENT PANEL (GLOVE BOX)	
EQUIPPED		EQUIPPED	
(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED		(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED	
DEPLOYED		DEPLOYED	
(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN		(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	
CONDITION OF AIRBAG		CONDITION OF AIRBAG	
STEERING WHEEL		INSTRUMENT PANEL (GLOVE BOX)	
(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION		(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION	
DRIVER SIDE		PASSENGER SIDE	
AIRBAG		AIRBAG	
STEERING WHEEL		INSTRUMENT PANEL (GLOVE BOX)	
TETHER		TETHER	
(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED		(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED	
MARKED BY CONTACT		MARKED BY CONTACT	
(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN		(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	

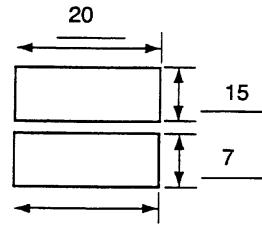
AIRBAG AB-2

AIRBAG NUMBER ON DRIVER SIDE:
P118137-03H
TAC320M12045

Driver Airbag



Driver Airbag Doors

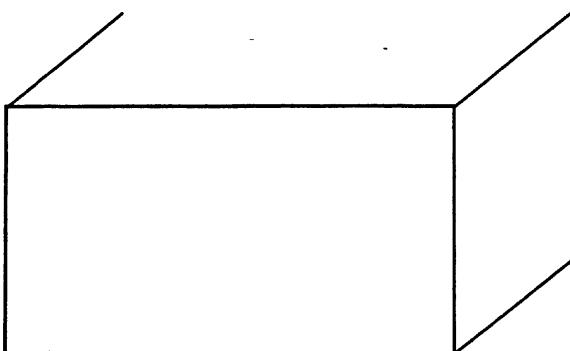


Vents: Y N
if yes, how many: _____

Tethers: Y N
if yes, how many: 1

AIRBAG NUMBER ON PASSENGER SIDE:

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR
DAMAGE ON DIAGRAM BELOW:



NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,
ARE TO BE FILLED IN
FOR EACH CASE VEHICLE OCCUPANT,
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.

Duplicate columns 1-8
from the previous card.Module O C Format 0 2
9 10 11 12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION		1	PHYSICAL DESCRIPTION		1
OCCUPANT NUMBER	13 14		AGE IN YEARS	(00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN	
ROLE OF OCCUPANT AT 1ST IMPACT	15	AGE IN MONTHS	(00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN	22 23	25
(1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN		MASS (kg)	120	24 25 26	054
OCCUPANT POSITION	16	(999) UNKNOWN			163
ROW LOCATION	1	HEIGHT (cm)	5'4"	27 28 29	2
(1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: _____ (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN	16	(999) UNKNOWN			30
LATERAL LOCATION	17	SEX	(1) MALE (2) FEMALE (9) UNKNOWN		
(1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN	10	TREATMENT/MORTALITY	(00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN	31 32	04
POSTURE	18 19	INJURY SEVERITY SCORE (ISS)	(99) UNKNOWN		14
(10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDeways) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____ (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: _____ (99) UNKNOWN	10	NON-IMPACT MED. CONDITIONS	(0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: _____ (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN	33 34	0

OCCUPANT INFORMATION OC-2

MEDICAL CONDITIONS (CONT.)		36	CHILD SEAT TYPE (00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN	88 41 42
POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT (0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN			CHILD SEAT MAKE/MODEL _____ _____ _____	
RESTRAINT SYSTEM		37	EJECTION DEGREE OF EJECTION (0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED	0 43
ACTIVE RESTRAINT SYSTEM (0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN		38	AREA OF EJECTION (01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED	98 44 45
ACTIVE RESTRAINT SYSTEM USAGE (0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN			IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW: _____ _____ _____	
PASSIVE RESTRAINT SYSTEM (0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN		39	HEAD RESTRAINT HEAD RESTRAINT AVAILABLE FOR THIS POSITION (0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN	1 46
PASSIVE RESTRAINT SYSTEM USAGE (0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN		40		

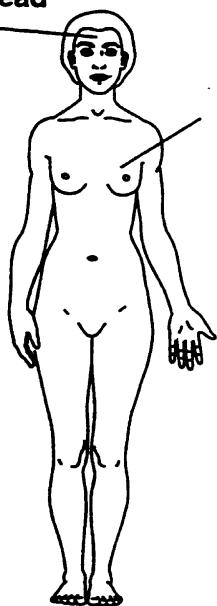
OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR	9 47	SOURCE OF INFORMATION	48
(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN		(0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN	

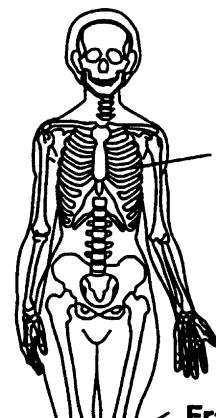
OCCUPANT INFORMATION OC-4

INDICATE LOCATION OF INJURIES.

Contusion, forehead
(1)

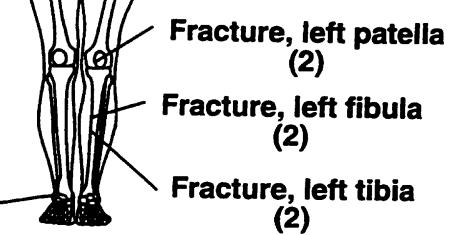


Left lung laceration
with pneumothorax
(3)



Two left rib
fractures
(2)

Fracture, right ankle
(2)



Fracture, left patella
(2)

Fracture, left fibula
(2)

Fracture, left tibia
(2)

Duplicate columns 1-8
from the previous card.

Module 1 C Format 0 1
9 10 11 12

INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

INJURY CLASSIFICATION IC-2

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (09) STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (SPECIFIC AREA UNKNOWN)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (FRONT)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (LOCATION UNKNOWN)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

PENETRATING OBJECTS

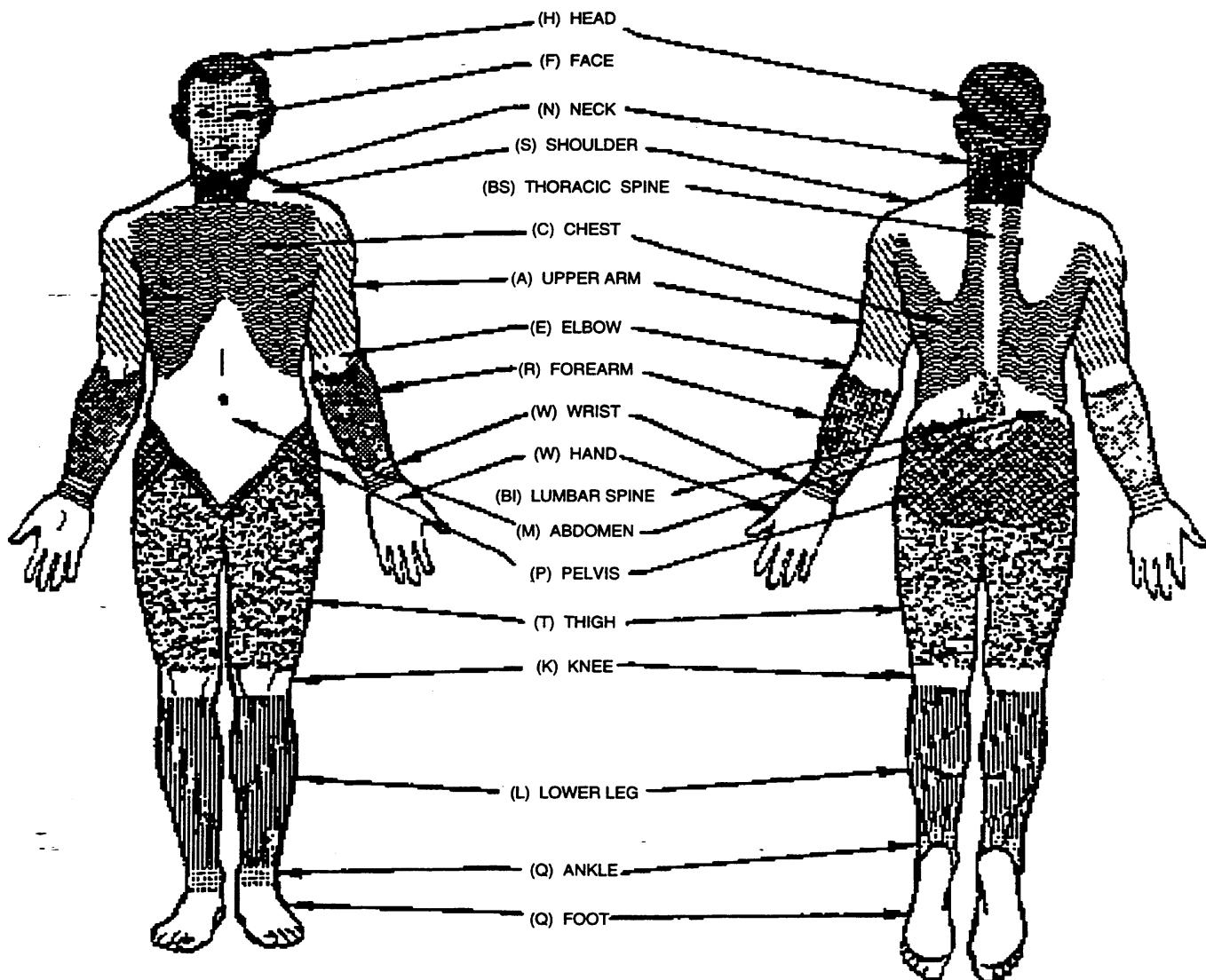
- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

INJURY CLASSIFICATION IC-3

THE FIGURE BELOW
IS AN EXPLANATION OF THE BODY REGION CODES
LISTED ON PAGE IC - 4.



INJURY CLASSIFICATION IC-4

CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION

- (H) HEAD/SKULL
- (F) FACE
- (N) NECK
- (S) SHOULDER
- (X) UPPER EXTREMITIES
- (A) ARM (UPPER)
- (E) ELBOW
- (R) FOREARM
- (W) WRIST/HAND
- (C) CHEST
- (M) ABDOMEN
- (B) BACK
- (P) PELVIC/HIP
- (Y) LOWER EXTREMITIES
- (T) THIGH
- (K) KNEE
- (L) LEG (LOWER)
- (Q) ANKLE/FOOT
- (O) WHOLE BODY
- (U) UNKNOWN

3 LESION

- (L) LACERATION
- (C) CONTUSION
- (A) ABRASION
- (F) FRACTURE
- (P) PERFORATION, PUNCTURE
- (K) CONCUSSION
- (V) AVULSION
- (R) RUPTURE
- (S) SPRAIN
- (D) DISLOCATION
- (N) CRUSH
- (M) AMPUTATION
- (B) BURN
- (G) DETACHMENT, SEPARATION
- (Z) FRACTURE AND DISLOCATION
- (T) STRAIN
- (E) TOTAL SEVERANCE, TRANSECTION
- (O) OTHER
- (U) UNKNOWN

4 SYSTEM/ORGAN

- (S) SKELETAL
- (V) VERTEBRAE
- (J) JOINTS
- (D) DIGESTIVE
- (L) LIVER
- (N) NERVOUS SYSTEM
- (B) BRAIN
- (C) SPINAL CORD
- (E) EARS
- (O) EYES
- (A) ARTERIES
- (H) HEART
- (Q) SPLEEN
- (G) UROGENITAL
- (K) KIDNEYS
- (R) RESPIRATORY
- (P) PULMONARY/LUNGS
- (M) MUSCLES
- (T) THYROID, OTHER ENDOCRINE GLAND
- (I) INTEGUMENTARY (SKIN)
- (W) ALL SYSTEMS IN REGION
- (U) UNKNOWN

2 ASPECT

- (R) RIGHT
- (L) LEFT
- (B) BILATERAL
- (C) CENTRAL
- (A) ANTERIOR/FRONT
- (P) POSTERIOR/BACK
- (S) SUPERIOR/UPPER
- (I) INFERIOR/LOWER
- (W) WHOLE REGION
- (U) UNKNOWN

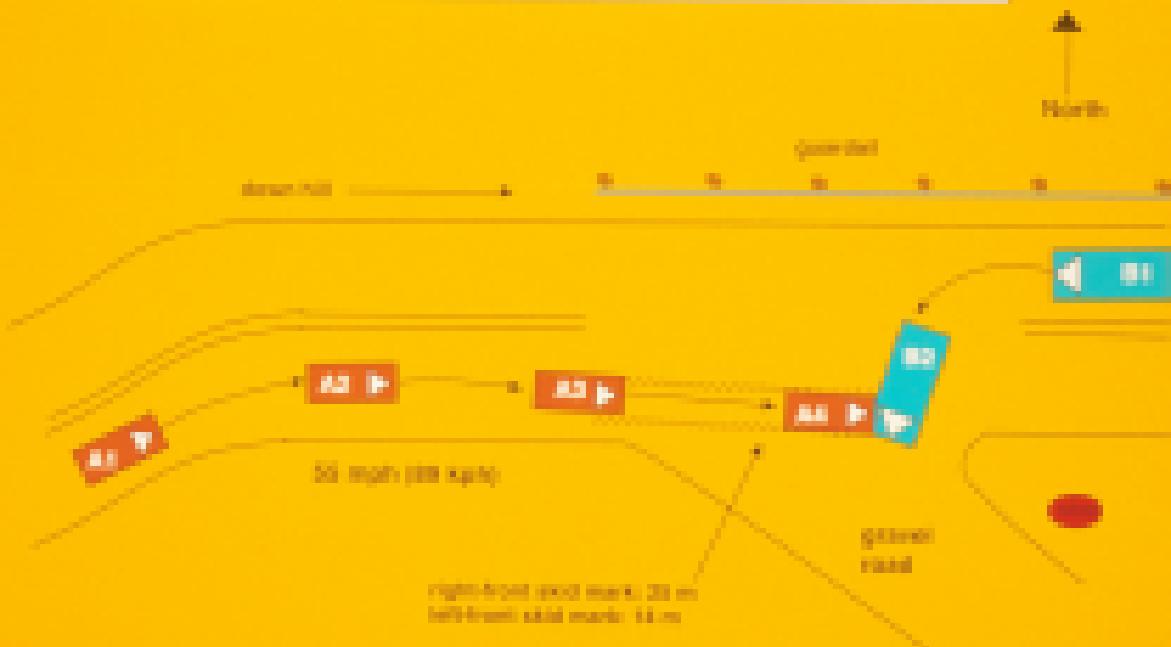
BODY REGION	ASPECT	LESION	SYSTEM/ORGAN		SEVERITY
			1	2	

5 SEVERITY
(OR 'AIS', ABBREVIATED INJURY SCALE)

- (0) NONE
- (1) MINOR
- (2) MODERATE
- (3) SERIOUS
- (4) SEVERE
- (5) CRITICAL
- (6) MAXIMUM
- (9) UNKNOWN

Case No. 20300
Case Veh. No. 1997 Dodge
Type: Dodge Sport, 4x4 truck regular cab
Driver: 41-year-old female
Vehicle (B): 1999 International C70, tractor-trail truck

Weather: Cloudy
Road Surface: Dry
Road Condition: Dry/ice
Light Condition: Daylight



PN 20300 #1



PN 20300 #2



PN 20300 #3
Best Available



PN 20300 #4



PN 20300 #6



PN 20300 #6



PN 20300 #7



PN 20300 #8
Best Available



**PN 20300 #9
Best Available**



PN 20300 #10
Best Available



PN 20300 #11
Best Available



PN 20300 #12
Best Available



PN 20300 #13
Best Available



PN 20300#14



PN 20300 #15



PN 20300#18



PN 20300 #17



PN 20300 #18



PN 20300 #19



PN 20300420



PN 20300 #21



PN 20300 #22



PN 20300423



PN 20300 #24



PN 20300 #25



PN 20300 #26



PN 20300 #27



PN 20300 #28



PN 20300 #29



PN 20300 #30



PN 20300 #31



PN 20300 #32



PN 20300 #33



PN 20300 #34



PN 20300 #35



PN 20300 #36



PN 20300 #37



PN 20300 #38



PN 20300 #39



PN 20300 #40



PN 20300 #41



PN 20300 #42



PN 20300 #43



PN 20300 #44



PN 20300 #45



PN 20300 #46



PN 20300 #47



PN 20300 #48



PN 20300 #49



PN 20300 #50



PN 20300 #51



PN 20300452



PN 20300 #53

CASE NO. 20300

CASE NUMBER: 20300 Design

TRT: Death (heat, not regular car policy)

ACCIDENT: (Driver) 61 year old female

SEX: FEMALE / 160 cm (5'3", 64 kg) / 00000000000000000000000000000000

INJURIES: Fractured left and right clavicles, multiple rib fractures

DEATH: 00000000000000000000000000000000

